



UHF Male Connector Solder Attachment for
 RG213, RG55, RG141, RG142, RG223, RG400,
 RG303, PE-C195, PE-P195, LMR-195

RF Connectors Technical Data Sheet

PE4020

Configuration

- UHF Male Connector
- 50 Ohms
- Straight Body Geometry

- RG213, RG55, RG141, RG142, RG223, RG400, RG303, PE-C195, PE-P195, LMR-195 Interface Type
- Solder Attachment

Features

- Max. Operating Frequency 300 MHz
- Good VSWR of 1.3:1

- Gold Plated Brass Contact
- 30 μ in minimum contact plating

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE4020 UHF male connector with solder attachment for RG213, RG55, RG141, RG142, RG223, RG400, RG303, PE-C195, PE-P195 and LMR-195 is part of our full line of RF components available for same-day shipping. Our UHF male connector operates up to a maximum frequency of 300 MHz and offers good VSWR of 1.3:1.

Our UHF male connector PE4020 datasheet specifications and drawing with dimensions are shown below in this PDF. Pasternack's broad catalog of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. Whether the need is to provide an I/O for a board design, or simply create a custom cable assembly configuration, Pasternack has the right connector for the job. Pasternack can also expertly build your custom cable assemblies for you and ship same-day.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		300	MHz
VSWR			1.3:1	
Operating Voltage (AC)			500	Vrms

Mechanical Specifications

Size

- Length
- Width/Dia.
- Weight

- 1.41 in [35.81 mm]
- 0.7 in [17.78 mm]
- 0.048 lbs [21.77 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [UHF Male Connector Solder Attachment for RG213, RG55, RG141, RG142, RG223, RG400, RG303, PE-C195, PE-P195, LMR-195 PE4020](#)



UHF Male Connector Solder Attachment for
 RG213, RG55, RG141, RG142, RG223, RG400,
 RG303, PE-C195, PE-P195, LMR-195

RF Connectors Technical Data Sheet

PE4020

Material Specifications

Description	Material	Plating
Contact	Brass	Gold 30 μ in minimum
Insulation	PTFE	
Body	Brass	Nickel 100 μ in minimum
Coupling Nut	Brass	Nickel 100 μ in minimum

Environmental Specifications

Temperature

Operating Range

-55 to +85 deg C

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

UHF Male Connector Solder Attachment for RG213, RG55, RG141, RG142, RG223, RG400, RG303, PE-C195, PE-P195, LMR-195 from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

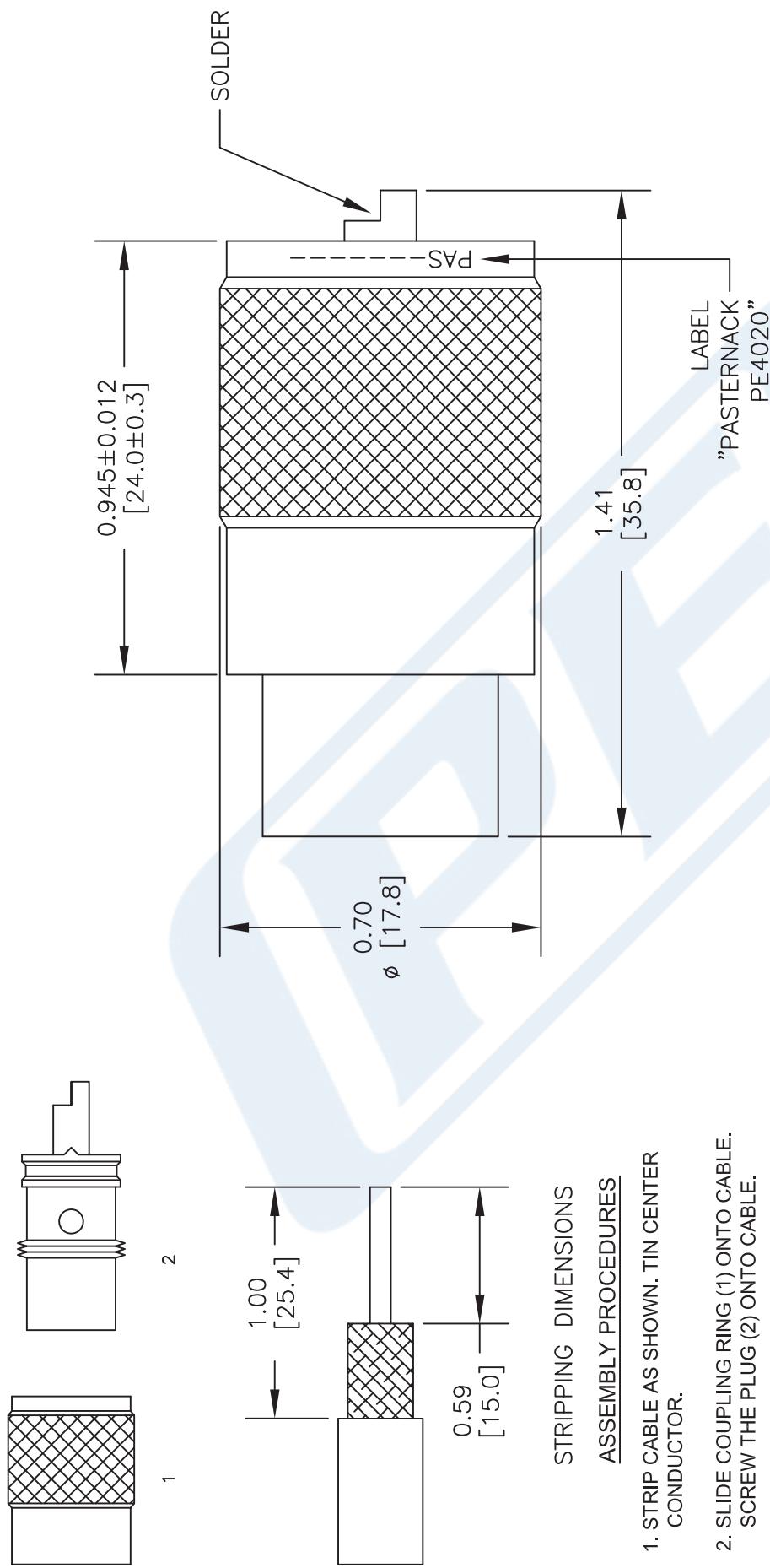
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [UHF Male Connector Solder Attachment for RG213, RG55, RG141, RG142, RG223, RG400, RG303, PE-C195, PE-P195, LMR-195 PE4020](#)

URL: <https://www.pasternack.com/uhf-male-standard-rg213-rg214-rg8-rg9-rg225-rg393-connector-pe4020-p.aspx>

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.

PE4020 CAD Drawing

UHF Male Connector Solder Attachment for RG213, RG55, RG141,
RG142, RG223, RG400, RG303, PE-C195, PE-P195, LMR-195



NOTES:	
1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.	
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.	
3. DIMENSIONS ARE IN INCHES [mm].	
PASTERNACK® THE ENGINEER'S RF SOURCE	DWG TITLE
Pasternack Enterprises, Inc. P.O. Box 16759 Irvine CA 92623 Phone: (949) 261-1920 Fax: (949) 261-7451 Website: www.pasternack.com E-Mail: sales@pasternack.com	PE4020
FSCM NO.	53919
CAD FILE	040116
SCALE	N/A
SIZE	A
	3045

BNC Male Right Angle Connector Clamp/Solder Attachment for RG213, RG214, RG8, RG9, RG11, RG225, RG393, RG144, RG216, RG215



RF Connectors Technical Data Sheet

PE4387

Configuration

- BNC Male Connector
- MIL-STD-348A
- 50 Ohms
- Right Angle Body Geometry

- RG213, RG214, RG8, RG9, RG11, RG225, RG393, RG144, RG216, RG215 Interface Type
- Clamp/Solder Attachment

Features

- Max. Operating Frequency 4 GHz
- Good VSWR of 1.35:1

- Gold Plated Brass Contact
- 30 μ in minimum contact plating

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE4387 BNC male right angle connector with clamp/solder attachment for RG213, RG214, RG8, RG9, RG11, RG225, RG393, RG144, RG216 and RG215 is part of our full line of RF components available for same-day shipping. Our BNC male connector operates up to a maximum frequency of 4 GHz and offers good VSWR of 1.35:1. Its right angle body geometry allows for easier connections in tight spaces.

Our BNC male right angle connector PE4387 datasheet specifications and drawing with dimensions are shown below in this PDF. Pasternack's broad catalog of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. Whether the need is to provide an I/O for a board design, or simply create a custom cable assembly configuration, Pasternack has the right connector for the job. Pasternack can also expertly build your custom cable assemblies for you and ship same-day.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		4	GHz
VSWR			1.35:1	
Operating Voltage (AC)			500	Vrms

Mechanical Specifications

Size	
Length	1.84 in [46.74 mm]
Width/Dia.	0.75 in [19.05 mm]
Height	1.178 in [29.92 mm]
Weight	0.146 lbs [66.22 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [BNC Male Right Angle Connector Clamp/Solder Attachment for RG213, RG214, RG8, RG9, RG11, RG225, RG393, RG144, RG216, RG215 PE4387](#)

BNC Male Right Angle Connector Clamp/Solder Attachment for RG213, RG214, RG8, RG9, RG11, RG225, RG393, RG144, RG216, RG215



RF Connectors Technical Data Sheet

PE4387

Material Specifications

Description	Material	Plating
Contact	Brass	Gold 30 μ in minimum
Insulation	PTFE	
Body	Brass	Nickel 100 μ in minimum
Coupling Nut	Brass	Nickel 100 μ in minimum

Environmental Specifications

Temperature

Operating Range

-65 to +165 deg C

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

BNC Male Right Angle Connector Clamp/Solder Attachment for RG213, RG214, RG8, RG9, RG11, RG225, RG393, RG144, RG216, RG215 from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [BNC Male Right Angle Connector Clamp/Solder Attachment for RG213, RG214, RG8, RG9, RG11, RG225, RG393, RG144, RG216, RG215 PE4387](#)

URL: <https://www.pasternack.com/bnc-male-standard-rg213-rg214-rg8-rg9-rg11-rg225-rg393-connector-pe4387-p.aspx>

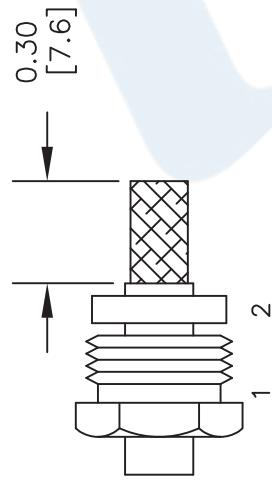
The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.

PE4387 CAD Drawing

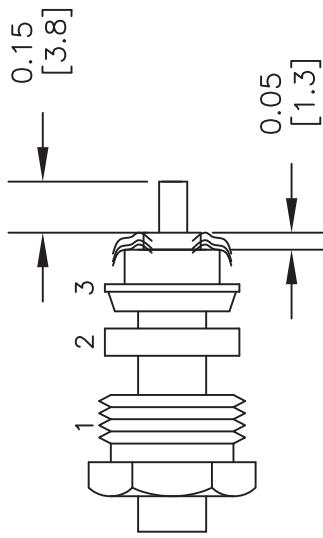
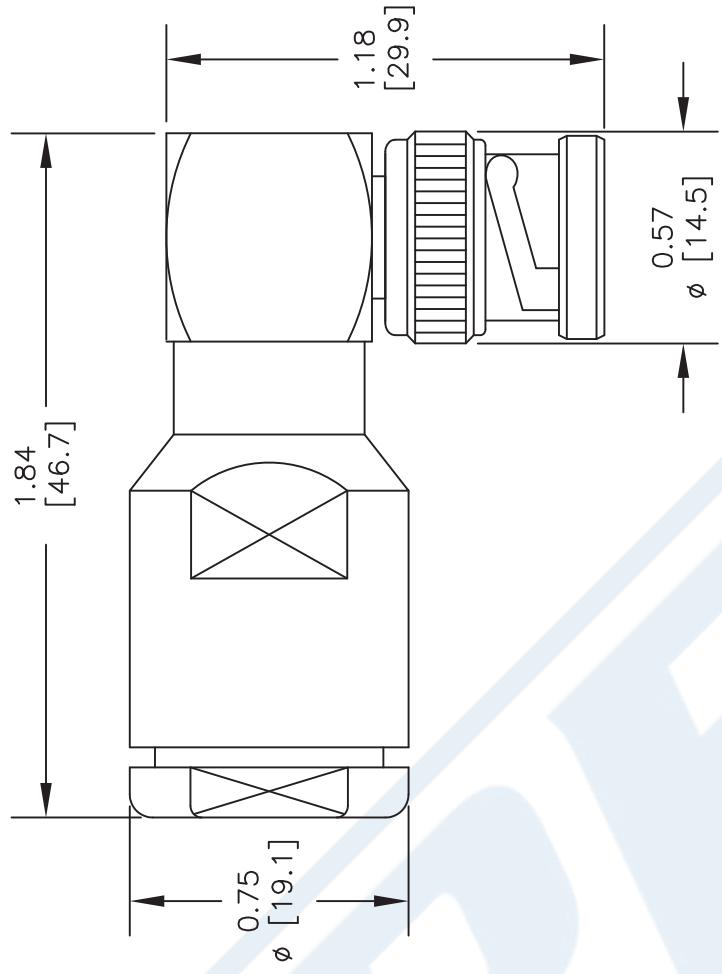
BNC Male Right Angle Connector Clamp/Solder Attachment for RG213,
RG214, RG8, RG9, RG11, RG225, RG393, RG144, RG216, RG215

ASSEMBLY PROCEDURES

1. SLIDE CLAMP NUT (1) & GASKET (2) OVER CABLE. STRIP CABLE AS SHOWN. DO NOT NICK BRAID WHILE CUTTING JACKET. TAPER END OF BRAID TO PERMIT ASSEMBLY OF BRAID CLAMP (3) SLIDE BRAID CLAMP(3) OVER BRAID & SEAT AGAINST CABLE.



2. FORM BRAID OVER CLAMP NUT (3). TRIM BRAID BACK TO SHOULDER, CUT DIELECTRIC TO DIMENSION SHOWN, DO NOT NICK CENTER CONDUCTOR. SOLDER CONTACT TO CENTER CONDUCTOR, REMOVE EXCESS SOLDER, DO NOT OVER HEAT DIELECTRIC. INSERT CABLE ASSEMBLY INTO BODY & TIGHTEN.



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PE4387

NOTES:
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2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.
3. DIMENSIONS ARE IN INCHES [mm].
4. FITS MIL-C-17 AND EQUIVALENT CABLES.

REV. -	FSCM NO.	53919	CAD FILE	051002	SCALE N/A	SIZE A	2233
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Flexible RG393 Coax Cable Double Shielded with Tan FEP Jacket

TECHNICAL DATA SHEET

RG393/U

- 50 Ohm Impedance
- Stranded Silver Plated Copper center conductor
- PTFE dielectric
- Double Silver Plated Copper Braid
- FEP Jacket Material 0.390 in diameter

• Configuration

Inner Conductor Material and Plating

Copper, Silver

Dielectric Type

PTFE

Shield Materials

Silver Plated Copper Braid, Silver Plated Copper Braid

Jacket Material and Color

FEP, Tan

Electrical Specifications

Impedance, Ohms	50
Maximum Operating Frequency, GHz	10
RF Shielding, dB	60
Capacitance, pF/ft [pF/m]	29.4 [96.46]
Maximum Operating Voltage, Volts	5,000
Dielectric Withstanding Voltage, Vrms	7,500

Electrical Specifications by Frequency

Frequency 1

Frequency, MHz	10
Attenuation, dB/100ft [dB/100m]	0.6 [1.97]
Power Handling, KWatts	25

Frequency 2

Frequency, MHz	100
Attenuation, dB/100ft [dB/100m]	2.1 [6.89]
Power Handling, KWatts	6.3

Frequency 3

Frequency, MHz	1000
Attenuation, dB/100ft [dB/100m]	7.5 [24.61]
Power Handling, KWatts	1.7

Frequency 4

Frequency, GHz	5
Attenuation, dB/100ft [dB/100m]	21 [68.9]
Power Handling, Watts	620

Frequency 5

Frequency, GHz	10
Attenuation, dB/100ft [dB/100m]	35 [114.83]
Power Handling, Watts	350

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG393 Coax Cable Double Shielded with Tan FEP Jacket RG393/U](#)



Flexible RG393 Coax Cable Double Shielded with Tan FEP Jacket

TECHNICAL DATA SHEET

RG393/U

Mechanical Specifications

Temperature

Operating Range, deg C

-55 to +200

Inner Conductor

Number of Strands

7

Material

Copper

Plating

Silver

Diameter, in [mm]

0.094 [2.39]

Dielectric:

Type

PTFE

Diameter, in [mm]

0.285 [7.24]

Shield:

Number of

2

Material 1

Silver Plated Copper Braid

Material 2

Silver Plated Copper Braid

Diameter, in [mm]

0.34 [8.64]

Jacket:

Material

FEP

Diameter, in [mm]

0.39 [9.91]

Color

Tan

One Time Minimum Bend Radius, in [mm]

3.9 [99.06]

Weight, lbs/ft [Kg/m]

0.16 [0.24]

Compliance Certifications

 (visit www.Pasternack.com for current document)

RoHS Compliant

06/18/2010

REACH Compliant

Plotted and Other Data

Notes:

- Values at +25 °C, sea level

Flexible RG393 Coax Cable Double Shielded with Tan FEP Jacket from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

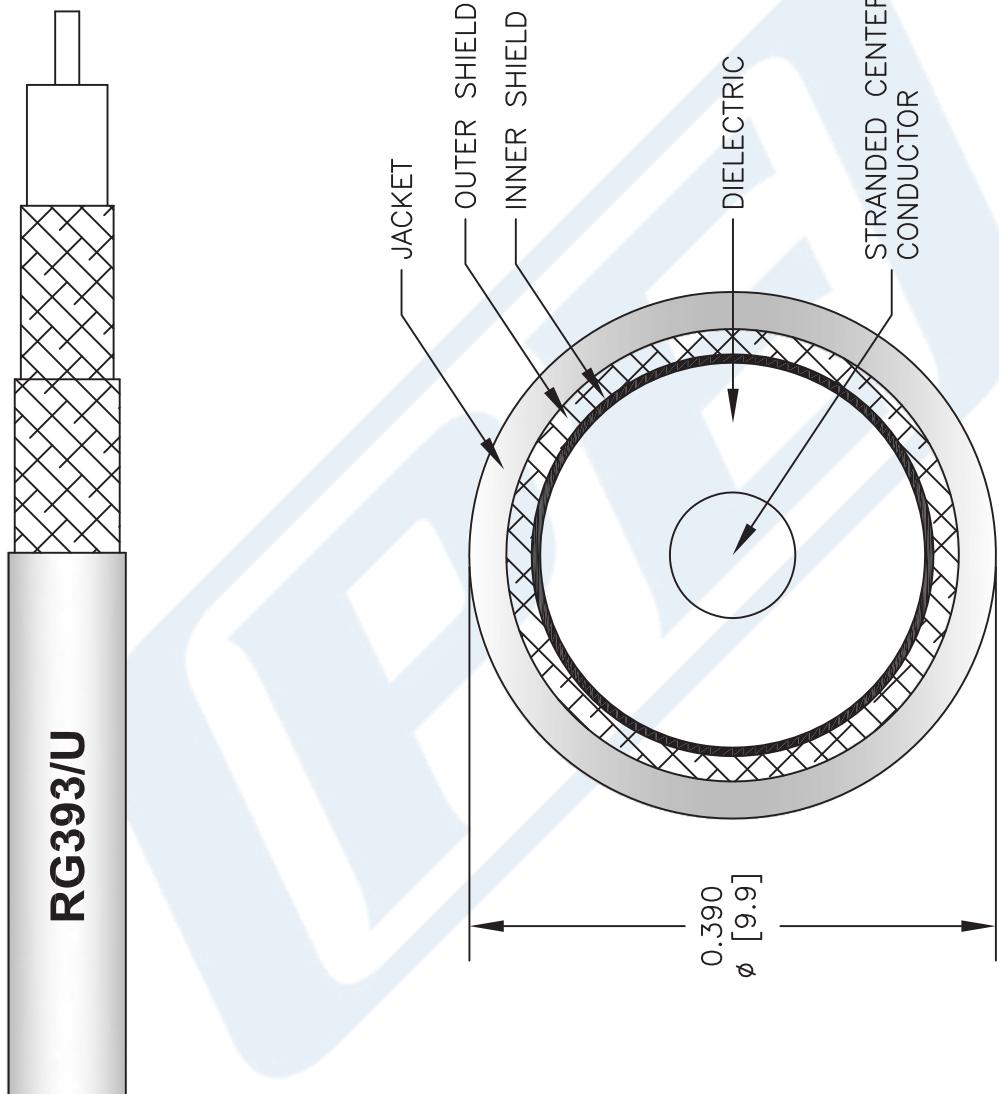
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG393 Coax Cable Double Shielded with Tan FEP Jacket RG393/U](#)

URL: <http://www.pasternack.com/flexible-0.390-rg393-50-ohm-coax-cable-fep-jacket-rg393-u-p.aspx>

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RG393/U CAD Drawing

Flexible RG393 Coax Cable Double Shielded with Tan FEP Jacket



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PASTERNACK®	DWG TITLE	RG393/U		
FSCM NO.	CAD FILE	110712-C	SCALE	SIZE A
				2233

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